

Line Splitting Service

Description

BellSouth's Line Splitting Service is an unbundled network element (UNE) offering that provides a shared loop service allowing a competitive local exchange carrier's (CLEC) voice and a data local exchange carrier's (LEC) digital subscriber line (DSL) data service on the same loop.

The BellSouth Line Splitting Service Phase I offering allows Voice CLECs to convert existing UNE-Platform (UNE-P) service to Line Splitting Service, when DSL is added to the end user's service. When Line Splitting Service is ordered, the existing UNE-P will be converted to a UNE loop, UNE voice port, and two collocation cross connections. The voice provider and data provider may be the same or they may be different carriers.

BellSouth Line Splitting Service Phase II introduces a BellSouth provided splitter option. Additional enhancements include the following conversion options;

1. Conversion of BellSouth retail voice service to Line Splitting.
2. Conversion of existing BellSouth High Frequency Spectrum-CO Based service to Line Splitting with the Data Provider changing.
3. Conversion of existing BellSouth High Frequency Spectrum-CO Based service to Line Splitting with the Data Provider remaining the same.

Line Splitting Service originates at a BellSouth Central Office and terminates at the end user's network interface device (NID). The CLEC's meet point is the point of termination for CLEC's cable and pairs on the main distributing frame. Any switch vertical services may remain on the Line Splitting Service.

Line Splitting Service will enable the data LEC to deliver line splitting data service to end users, currently receiving voice service from a CLEC through an existing UNE-P arrangement or

by converting a BellSouth retail voice service to stand alone UNE elements. The data service is delivered over the high frequency portion of the loop utilizing a CLEC/data LEC provided, collocated digital subscriber line access multiplexer (DSLAM). The CLEC/data LEC may provide the splitter or BellSouth may provide the splitter. The voice service will be provided over the low frequency of the spectrum (from 300 hertz to at least 3000 hertz and potentially up to 3400 hertz depending on equipment and facilities).

When the Data LEC or CLEC own the splitter, the network elements consist of a non-designed analog loop from the serving wire center to the network interface device (NID) at the end user's location, a collocation cross connection connecting the loop to the collocation space, a second collocation cross connection from the collocation space connected to a voice port, and vertical features, if appropriate.

The splitter divides the spectrum. If the CLEC/data LEC provides the splitter, it will be located in a collocation. This collocation area may belong to the voice CLEC or the data LEC. Data service can then be provided over the high frequency spectrum of the local loop. The DSLAM will also be provided by the CLEC or a data LEC through a pre-existing agreement with the CLEC owning the loop.

When BellSouth provides the splitter, the network elements are a non-designed analog loop from the serving wire center to the network interface device (NID) at the end user's location with CFA and splitter port assignments, and a collocation cross connection from the collocation space connected to a voice port. If BellSouth provides the splitter, it will be located in a common area as close to the collocation area as possible or in a relay rack in the BellSouth line up of equipment.

The CLEC/data LEC must determine if the loop can support its DSL service. DSL service requires an unloaded 2-wire copper loop. The line splitting loops must not have load coils, low pass filters, range extenders, DAMLs, or similar devices. Because Line Splitting Service works with plain old telephone service (POTS), the

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service will be non-designed.

BellSouth has existing UNE offerings that allow CLECs/data LECs to determine the loop makeup or to modify loops. CLECs/data LECs may use these offerings to determine if loops qualify for their data service and to modify loops to support their data services over Line Splitting Service.

A passive signal filter is installed at the customer's premises as CPE and is the responsibility of the data LEC or the end user. In some instances a splitter could be used at the end user's location.

BellSouth will deal with the CLEC customer who orders the loop, generally the voice provider. The CLEC that orders the UNE loop will be BellSouth's customer of record and the only party that BellSouth will deal with for subsequent activity, disconnections, trouble reports, etc. Since the CLEC is BellSouth's customer and the owner of the loop, any/all activity performed by the data LEC shall only be done so on behalf of the CLEC and will require, in advance, a Letter Of Authorization (LOA) from the CLEC.

Features and Benefits

Line Splitting Service allows the data LEC community to offer its data services to end users who choose CLEC voice service in the BellSouth region. Because Line Splitting offers the opportunity to provide DSL data service over a line currently providing voice service, it allows the data LEC to offer an economical high-speed data solution. This product will also allow the CLEC owner of the loop an opportunity to expand the capabilities of its loops to its end users.

If BellSouth provides the splitter, all splitter activity will be ordered through the Line Splitter Ordering Document (LSOD) submitted to the Complex Resale Support Group (CRSG) UNE Group.

The CLEC will order the line splitting end user services with local service requests (LSR) submitted to the Local Carrier Service Center (LCSC). Service orders for Line Splitting

Service will be ordered manually. Mechanization of Line Splitting Phase I service is planned for January of 2002.

Pricing Structure and Description

The pricing elements associated with this service are below, and those associated with collocation.

	<u>Monthly Recurring</u>	<u>NON Recurring</u>
Loop	X	X
Collocation cross -connection (2 required)	X	X
BellSouth Provided Splitter (96, 24 or 8 port)	X	X
Voice Port	X	X
SOMAN		X
SOMEK		X
Vertical Features	X	X

There are six usage rate elements and the type of call determines what elements will be charged. The usage elements are the same as the 2 Wire Voice Grade UNE Loop/Port Switched Combination. The six usage rate elements are:

- Port Usage Charges
 - Unbundled Local Switching
 - Unbundled Trunk port
 - Unbundled Interoffice Transport-Shared
 - Per minute of use (MOU)
 - Per mile per minute per minute of use
 - Unbundled Tandem Switching
 - Unbundled Tandem Switching
 - Unbundled Tandem Trunk Port